



# ***Boards of Health and MassDEP Collaborate***

March 9, 2017  
MassDEP  
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# Overview

- Goals of MassDEP
- Board of Health – Authority
- A brief history of Trash!
- Waste Bans
- Evolution of Permitted Hauler Regulations
- Long Term Benefits
- MassDEP SMRP Grants

# Why is Waste Reduction a Health Priority?

- Odor, vermin and associated diseases
- Trucks collecting trash, recyclables, food can leak.
- Aquifer Protection
- Air Quality
- Methane gas production
- Energy Used in Manufacturing Process



## 310 CMR 19.000 SOLID WASTE MANAGEMENT

- Aims to prevent pollution, maximize material reuse and conserve both natural resources by ensuring the proper handling, transfer, processing and disposal of solid waste.
- Describes and defines procedures, permitting, operational standards for landfills, transfer stations and recycling.
- **Appoints Boards of Health Local Approving Authority for all things solid waste in your community**

# **Boards of Health Responsibilities...**

**Asbestos**

**Housing**

**Complaints**

**Beavers**

**Food Safety/Restaurant Inspections**

**Title 5**

**Tobacco Control**

**EEE/West Nile/Zika/Infectious Disease**

**Solid Waste too?**



# MGL Chapter 111, Section 31A

**Section 31A.** No person shall remove or transport garbage, offal or other offensive substances through the streets of any city or town without first obtaining a permit from the board of health of such city or town; provided, however, that no rules or regulations shall restrict the hours of the day when garbage, offal or other offensive substances may be collected in areas zoned for business, commercial or industrial

<https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXVI/Chapter111/Section31A>



# MGL Chapter 111, Section 31B

## **Section 31B: Rules and regulations for removal of garbage; penalty**

Boards of health shall, from time to time, make rules and regulations for the control of the removal, transportation or disposal of garbage, offal or other offensive substances. Whoever violates any provision of section thirty-one A, or of any rule or regulation made thereunder, shall be punished by a fine of not more than one thousand dollars.

# When did the recycling and waste diversion movement first surface?



## Previous Generation

- Not big consumers
- Children of the Depression
- Fixed broken things
- Never threw anything away
- Food was local so less packaging



## Current Generations

- Big consumers
- Children of plenty
- Disposable society
- When it's broken, buy a new one
- More packaging, more shipping!



# Solid Waste Timeline in Massachusetts



- “*The Town Dump*”
- Landfill Capacity
- Safe landfill closure became a EPA mandate
- MassDEP priority
- 310 CMR 19.000

# Recycling & Waste Diversion Slowly Starts to Take Hold

## ***Question:***

**How do we mandate less trash and encourage more recycling in MA?**

## ***Answer:***

**We ban recyclable material from disposal.**

**The Waste Bans are introduced.**

## **310 CMR 19.017**

# **Waste which is banned from disposal, incineration or transfer for disposal at a solid waste disposal facility**

- Lead Batteries (1990)
- Leaves (1991)
- Tires (1991)
- White Goods (1991)
- Other Yard Waste (1992)
- Aluminum Containers (1992)
- Glass and Metal Containers (1992)
- Recyclable Paper (1994)
- Plastic Containers (1994)
- Cathode Ray Tubes (2000)
- Asphalt, Brick and Concrete (2006)
- Metal (2006)
- Wood (2006)
- Clean Gypsum Wall Board (2012)
- Commercial Organic Material (2014)

# **MassDEP Goal: Waste Reduction by ALL!**



# Loophole?

- Residential and commercial entities served by municipality automatically provided with recycling services.
- Those served by permitted/private haulers are offered the choice.
- Washed Hands – permitted/private haulers
- Many permitted/private hauler customers select the trash only service due to lower cost.
- Recyclables end up . . . ???

# Close the Loophole

- BOH require permitted/private haulers to comply with MassDEP Waste Bans in order to be permitted
- Bundled Services
- PAYT/SMART grants

# MassDEP Hauler Regulations

- 162 municipalities have a policy in place
- 87 of the policies are on file with MassDEP
- 55 have a bundled service requirement
- 42 municipalities claim that they actively enforce

# A Collaborative Approach

- Municipalities requested a good example
- MassDEP compiled Model Regulations
- Fall 2016: Haulers + Health Agents met to review draft “template”





# Purpose

- Compliance with MA Waste Ban regulations
- Level Playing Field
- Environmental Benefits
- Stakeholders working together to support the goals of the Solid Waste Master Plan

## Key Elements

- 1) Mandatory Recycling for All Generators
- 2) “Bundled” Pricing
- 3) Final documents to be published on website Spring 2017

# Long-Term Benefits

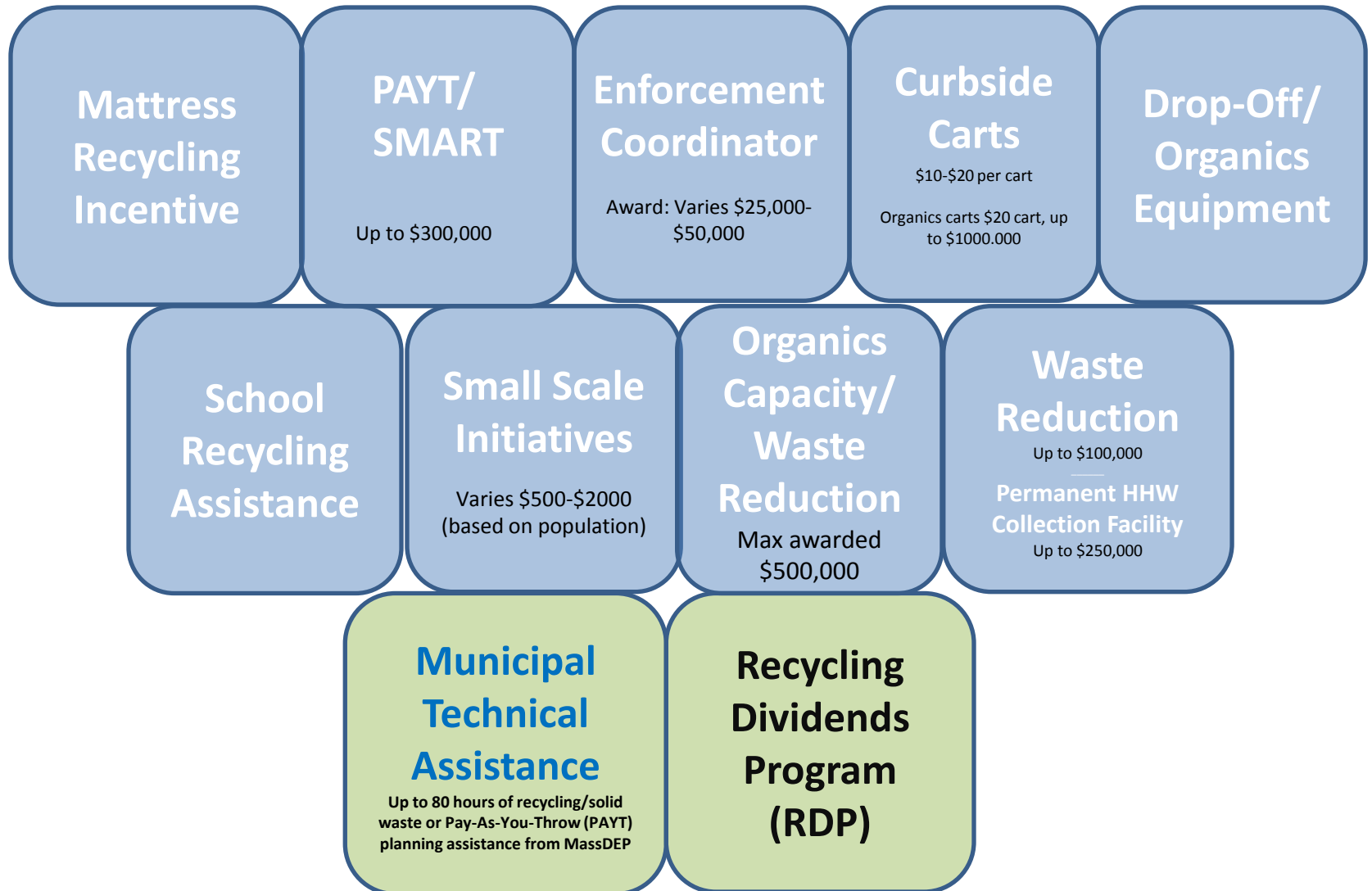
- BOH and permitted haulers work together
- Haulers = “eyes and ears” of BOH
- BOH enforce equally so all haulers will provide recycling services
- All generators will receive recycling services.
- **Less trash generated!**



**How Can  
MassDEP  
Assist?**

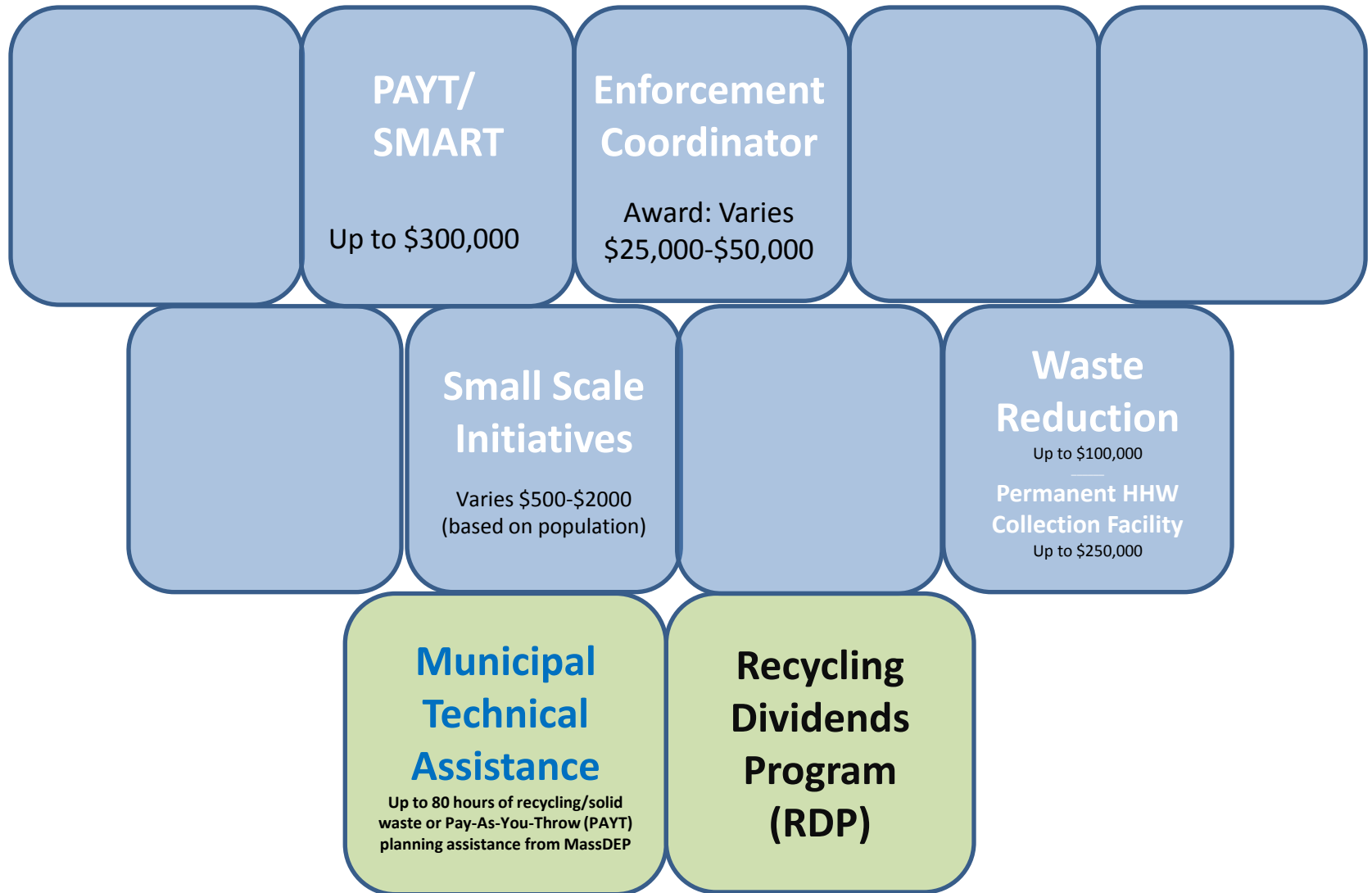
# SMRP

## FY18 Sustainable Materials Recovery Program



# SMRP

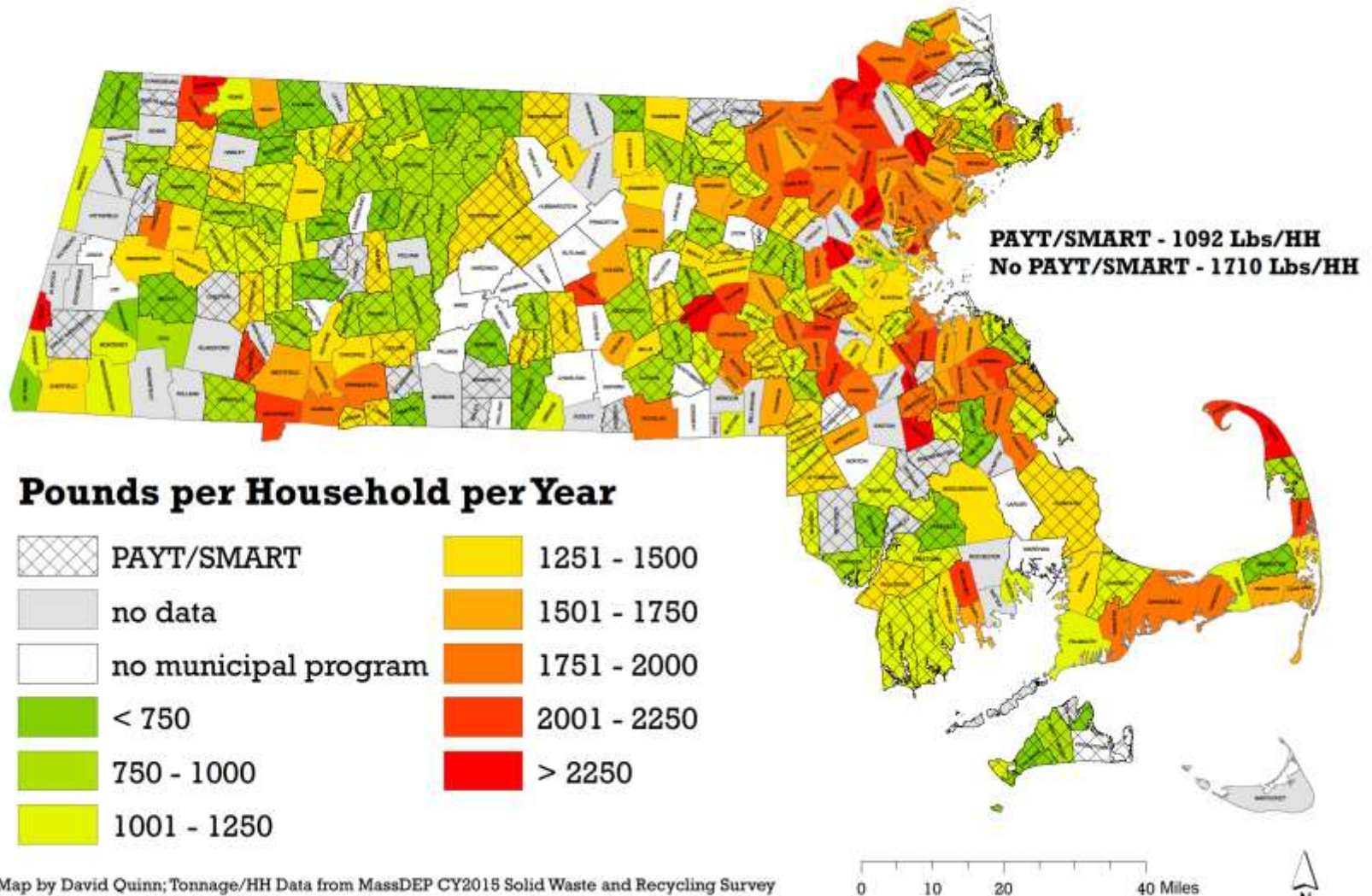
## FY18 Sustainable Materials Recovery Program



# PAYT/SMART

- Up to \$300,000
- \$10 - \$30 household
- Waste Reduction Enforcement
- First barrel included program
- Permitted Hauler Regulation
- Enforce Hauler Regulations

# How Much Trash Did We Throw Out in 2015?





# WREC

- Waste Reduction Enforcement Coordinator
- \$25,000 - \$50,000
- Additional funding – benefits, GPS
- Enforce Mandatory Recycling, Trash Limits, Contamination
- Enforce Hauler Regulations

# Recycling Dividends Program (RDP)

- Recipients of RDP have exemplary municipal programs.
- Awarded funds are granted in a lump sum, unlike a typical reimbursable grant.
- ★ • Funds to be utilized to build upon best practices.
- \$1.3 million awarded to 166 municipalities  
Fall 2016

# RDP \$\$\$ Earnings

- Minimum points to qualify = **6**
- 166 qualifiers in FY17
- Average points earned = 9
- Funding \$2,100 - \$230,000

# RDP Successes

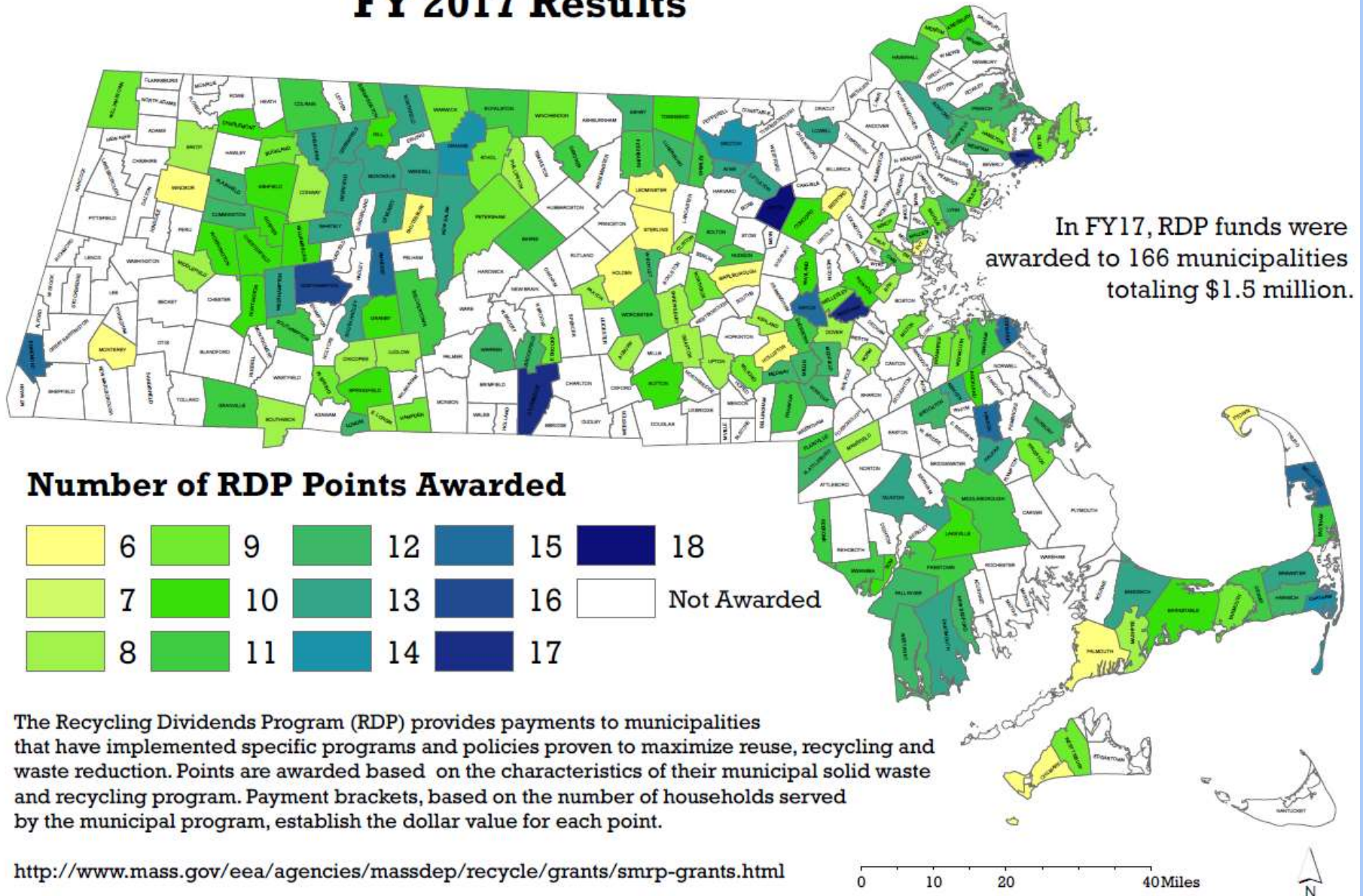
- Cohasset's funds used to purchase a glass crushing machine and roll-off. This collection system results in no-cost glass recycling.
- Town of Franklin bought a compost screener resulting in a better finished product for residents and landscapers.

# Bedford's RDP Experience

- Provides financial support for programs:
  - Ongoing collection programs
  - Special recycling collection events twice/year
  - Obtained a universal waste shed



# MassDEP's Recycling Dividends Program FY 2017 Results



# SMRP Grant Webinars

Drop-off: Wed, April 5, 2017 10 am – noon

<https://attendee.gotowebinar.com/register/3931789088427373826>

Curbside: Thu, April 13, 2017 10 am – noon

<https://attendee.gotowebinar.com/register/324737839415241474>



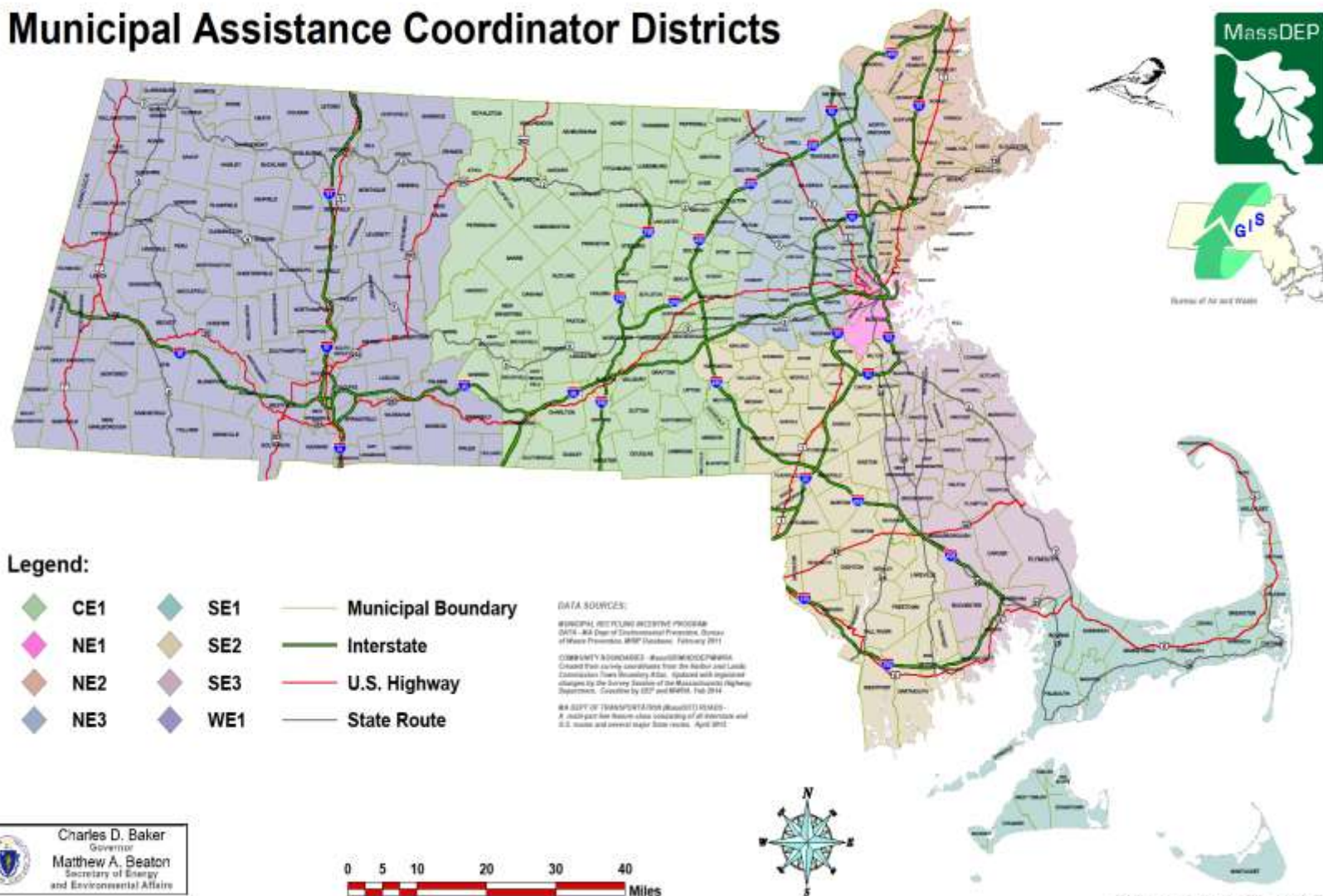
# Municipal Assistance Coordinators - MACs

- Link to MAC directory/web page
- Technical Assistance
- Evaluate SW & Recycling Program
- Reduce solid waste, increase recycling
- Regional Meetings
- Research on waste reduction programs
- Assistance with SMRP Grants
- Updates thru Monthly Newsletters

<http://www.mass.gov/eea/agencies/massdep/recycle/reduce/massdep-municipal-assistance-coordinators.html>



# Municipal Assistance Coordinator Districts



# MassDEP MACs

<i>Central</i>	<i>Irene Congdon</i>	<i>Irene_Congdon1@yahoo.com</i>
<i>NE1</i>	<i>Dawn Quirk</i>	<i>Dawn.Quirk@state.ma.us</i>
<i>NE2</i>	<i>Sharon Kishida</i>	<i>SKishida@beverlyma.gov</i>
<i>NE3</i>	<i>Carolyn Dann</i>	<i>CDann@bedfordma.gov</i>
<i>SE1</i>	<i>Kari Parcell</i>	<i>Kari.Parcell@barnstablecounty.org</i>
<i>SE2</i>	<i>Kathi Mirza</i>	<i>KMirza@taunton-ma.gov</i>
<i>SE3</i>	<i>Todd Koep</i>	<i>TKoep@town.halifax.ma.us</i>
<i>Western</i>	<i>Heather Wasilewski</i>	<i>Mac.westernma@gmail.com</i>

# Questions?

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